

HIV CAPSID ASSEMBLY INTERMEDIATES AND METHODS OF PRODUCTION

ABSTRACT

5 A cell-free method for translation and assembly of retroviral, particularly HIV, capsid and
capsid intermediates is disclosed. Also disclosed are novel HIV capsid assembly
intermediates and novel host proteins which bind to such assembly intermediates. The
invention also includes a screening method for compounds that alter retrovirus capsid
10 assembly, and a method of treating HIV using compounds which inhibit the HIV capsid
assembly pathway.